EUREKA is...

Leading platform for international cooperation

Intergovernmental network

Supporting market-oriented R&D projects

Facilitating access to finance
More than €37 billion invested

€37+ billion

5900+ projects

1985

11600+ SMEs

3800+ Universities

4000+ Research centres

7300+ Large companies

2015
More than €37 billion invested

Total budget

Total number of projects

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More than 40 EUREKA countries

Full members
Associated countries
National information points
International cooperation
EUREKA characteristics

- Market-oriented nature
- Innovative product, process or service
- Bottom-up approach
- International cooperation
Public-private partnership

Example of EUREKA project

At least 2 EUREKA countries involved
Participants in EUREKA projects

Industry is representing 75% of participants
Data for EUREKA Projects and Eurostars

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Technology area

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronics, IT and Telecoms Technology</td>
<td>29.4%</td>
<td>30.0%</td>
</tr>
<tr>
<td>Industrial Manufacturing, Material and Transport</td>
<td>21.4%</td>
<td>18.5%</td>
</tr>
<tr>
<td>Biological Sciences / Technologies</td>
<td>17.7%</td>
<td>21.4%</td>
</tr>
<tr>
<td>Technology for Protecting Man and the Environment</td>
<td>6.4%</td>
<td>5.3%</td>
</tr>
<tr>
<td>Energy Technology</td>
<td>6.3%</td>
<td>6.8%</td>
</tr>
</tbody>
</table>

Data for EUREKA Projects and Eurostars
<table>
<thead>
<tr>
<th>Market area</th>
<th>Industrial Products / Manufacturing</th>
<th>Medical / Health Related</th>
<th>Transportation</th>
<th>Consumer Related</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985–2014</td>
<td>20.2%</td>
<td>20.0%</td>
<td>9.8%</td>
<td>9.5%</td>
</tr>
<tr>
<td>2008–2014</td>
<td>19.3%</td>
<td>22.1%</td>
<td>8.6%</td>
<td>8.8%</td>
</tr>
</tbody>
</table>

Data for EUREKA Projects and Eurostars
Over 40 countries

EUREKA instruments

EUREKA PROJECTS
4193 projects

UMBRELLAS

CLUSTERS
784 projects

EUROSTARS
943 projects

PRO-FACTORY+

EUROAGRI

CATRENE

EUROGIA

ACQUEAU

METALLURGY

EUREKA TOURISM PLUS

E! SURF

EURLHEIDES

ITEA 3

EUROGIA 2020

ACQUEAU

METALLURGY

EUREKA instruments
EUREKA PROJECTS
EUREKA projects

- **Innovative** product, process or service with a civilian purpose
- Participants from at least **two EUREKA countries**
- No thematic restrictions but projects need to reflect **market demand**
- **National evaluation** procedures & funding
A typical EUREKA project is...

- **3–4 participants**
- **2–3 countries**
- **average duration**: **31 months**
- **average project cost**: **€1.74 million**

Data for 2008–2014
EUREKA Umbrellas

Thematic networks
Focusing on a specific technology area or business sector

Project generation
Fostering cooperation through different activities

Coordinated by expert group
EUREKA representatives and industrial experts
# EUREKA Umbrellas

<table>
<thead>
<tr>
<th>Tourism</th>
<th>Materials</th>
<th>Manufacturing</th>
<th>Agrifood</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUREKA TOURISM PLUS</td>
<td>E! SURF</td>
<td>PRO-FACTORY+</td>
<td>EUROAGRI FOODCHAIN_2</td>
</tr>
</tbody>
</table>
Template for each Umbrella

About
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Technologies
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### EUREKA Clusters

#### Industry led initiatives
- Medium term
- Strategically significant
- International ecosystem of R&D&I actors

#### Large number of participants
- Major European industries
- Large SME participation (30–50% of partners)

#### Fostering European competitiveness
- Develop generic technologies and standards
- Address economic and societal challenges

Clusters represent 70% of the budget of EUREKA project portfolio
A typical Cluster project is...

- **4–14 participants**
- **3–4 countries**
- **31 months**
- **€2 - €15 million**

Data for 2008–2014
EUREKA Clusters

- ACQUEAU: Innovation in water technologies
- Catréné: Micro and Nano electronics
- Celtic-Plus: Telecommunications
- EURIPIDES²: Smart electronic Systems
- Eurogia²⁰²⁰: Low carbon energy technologies
- ITEA³: Software intensive systems and services
- Metallurgy Europe: New Cluster on Metallurgy
Clustering history

- JESSI
- MEDEA
- MEDEA+
- CATRENE
- EURIMUS
- EURIMUS II
- EURIPIDES
- EURIPIDES²
- PIDEA
- PIDEA+
- ITEA
- ITEA 2
- ITEA 3
- EUROGIA
- EUROGIA+
- EUROGIA2020
- CELTIC
- CELTIC PLUS
- ACQUEAU
- MF.IND
- M.E.

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### Clusters in numbers

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Total Number of Projects</th>
<th>Total Project Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEA3</td>
<td>197</td>
<td>€3269 M</td>
</tr>
<tr>
<td>Celtic-Plus</td>
<td>98</td>
<td>€728 M</td>
</tr>
<tr>
<td>EURIPIDES²</td>
<td>81</td>
<td>€489 M</td>
</tr>
<tr>
<td>Catréné</td>
<td>43</td>
<td>€1544M</td>
</tr>
</tbody>
</table>
## Clusters in numbers

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Total number of projects</th>
<th>Total project costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACQUEAU</td>
<td>16</td>
<td>€39 M</td>
</tr>
<tr>
<td>eurogia 2020</td>
<td>24</td>
<td>€98 M</td>
</tr>
<tr>
<td>Metallurgy Europe</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>
EUREKA Clusters procedures

1. Thematic annual calls
2. Centralised Cluster evaluation
3. Cluster labelling
4. National funding decision
5. Cluster monitoring and impact assessment
EUREKA Structure of Clusters

**Board / Core group**
- Industry

**Technical evaluation**
- Experts from industry and academia

**Public authorities committee**
- Funding agencies and Ministries
Template for each Cluster

About
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Mission
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Strategy
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Duration: XY
Total budget: €23.3 M
Eurostars is…

- Joint programme between EUREKA and EU
- Dedicated to R&D-performing SMEs
- Market-oriented
- Bottom-up
- International cooperation
Eurostars under Horizon 2020

€1.15 billion

Eurostars total public budget 2014–2020

75%

EU contribution

25%

Eurostars countries contribution

EU contribution + Eurostars countries contribution = €1.15 billion
## Eurostars countries

### 34 countries

- Austria
- Bulgaria
- Belgium
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Israel
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- The Netherlands
- Norway
- Poland
- Portugal
- Romania
- Slovak Republic
- Slovenia
- South Korea
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom
SMEs in the driving seat

- R&D-performing SMEs and SMEs (72%)
- Research institute (12%)
- University (9%)
- Large company (6%)

SME is always the project leader
50% of the work done by SMEs

64% of participants are R&D performing SMEs

83% of SMEs have less than 50 employees

40% of SMEs workforce is dedicated to R&D activities
A typical Eurostars project

3–4 participants

2–3 countries

average duration

29 months

average project cost

€1.4 million

Data for Cut-off 1–10
Eurostars in numbers

- **47 countries involved**
- **23% success rate**
- **472M estimated public funding**

Projects submitted:
- number of applications: 3548
- number of applicants: 11733
- total costs of applications: €4.9 billion

Projects funded:
- number of approved projects: 783
- number of participants: 2600
- total costs of applications funded: €1.1 billion

Cut-off 1–10
Total projects through years

Start with EUREKA Projects

Introduction of Clusters

Introduction of Eurostars


5920

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Total budget through years

- Start with EUREKA Projects
- Introduction of Clusters
- Introduction of Eurostars

Budgets:
- 1985: €1.4B
- 1990: €13.2B
- 2000: €22.4B
- 2010: €37B

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EUREKA PROJECTS
UMBRELLAS
EUREKA TOURISM PLUS
EUROAGRI
CATRENE
EUROPIDES
ITEA 3
EUROGIA 2020
ACQUEAU
METALLURGY
PRO-FACTORY+
E! SURF
CELTIC PLUS
ACQUEAU
EUROSTARS
ACQUEAU
How to start a EUREKA project?

1. Contact your NPC
2. Set up your consortium
3. Apply
4. Evaluation
5. National funding

Start!

Check your national funding rules!